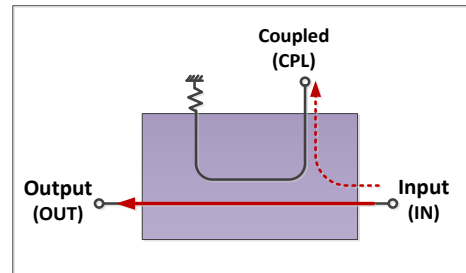


RoHS Compliant

Electrical schematic

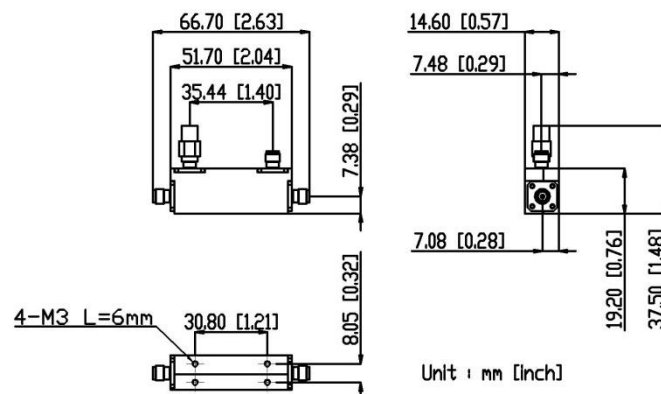


Electrical Specifications

| Parameter | Unit | Frequency (GHz) | Min. | Typ. | Max. |
|------------------------|------|-----------------|------|------|------|
| Nominal Coupling | dB | 2 – 18 | 19 | 20 | 21 |
| Coupling Flatness | dB | 2 – 18 | | ±0.4 | ±0.7 |
| Directivity | dB | 2 – 4 | 23 | 27 | |
| | | 4 – 8 | 20 | 22 | |
| | | 8 – 18 | 16 | 20 | |
| Main Line VSWR | :1 | 2 – 8 | | 1.10 | 1.20 |
| | | 8 – 18 | | 1.20 | 1.30 |
| Coupled Line VSWR | :1 | 2 – 8 | | 1.15 | 1.25 |
| | | 8 – 18 | | 1.25 | 1.35 |
| Insertion Loss | dB | 2 – 18 | | 0.5 | 0.8 |
| Average Power Handling | W | 2 – 18 | | | 20 |

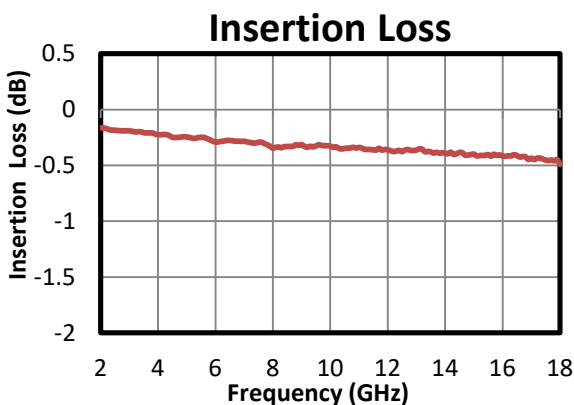
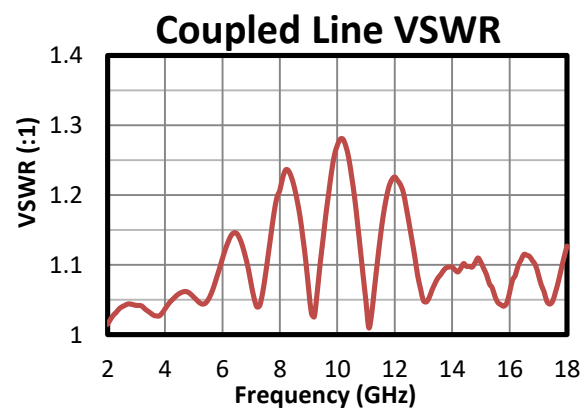
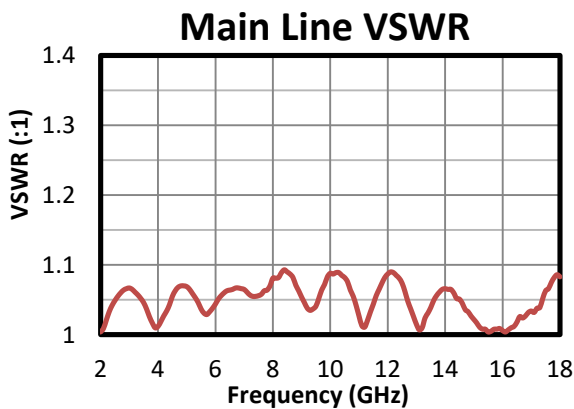
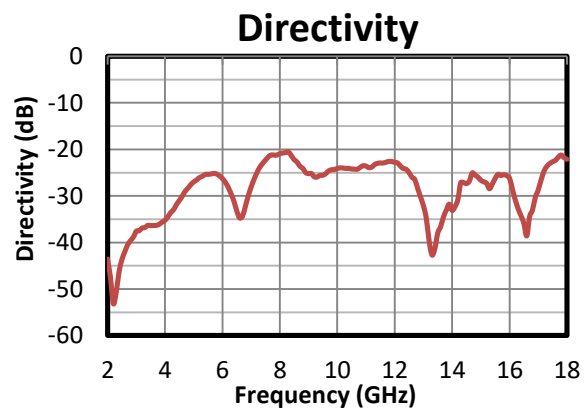
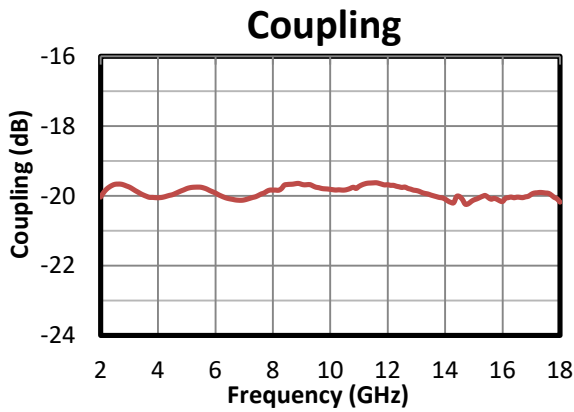
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

Typical Performance



Typical performance S-parameter file: <https://www.amtery.com/en/goods-29>

For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.